

THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

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LISTING OF CLAIMS

1. (Previously Presented) A print medium comprising:

an ink-receiving layer and a coated, absorptive paperbase selected from the group consisting of coated, calendered paper; coated, uncalendered paper and cast coated paper; the ink-receiving layer being present on the
10 coated paperbase from about 3 grams per square meter to about 7 grams per square meter, and the coated paperbase having a Sheffield smoothness less than approximately 20 and a Sheffield porosity less than approximately 10.

15 2. (Previously Presented) The print medium of claim 1, wherein the ink-receiving layer is present from approximately 4 grams per square meter to approximately 6 grams per square meter.

3. (Original) The print medium of claim 1, wherein the ink-receiving
20 layer comprises at least one water-soluble polymer, a cross-linking agent, a mordant, inorganic particles, and at least one surfactant.

4. (Original) The print medium of claim 3, wherein the at least one water-soluble polymer comprises at least one polyvinyl alcohol; the cross-linking
25 agent comprises boric acid; the mordant comprises a least one of diallyldi-

methyl-ammonium chloride, a cationic latex, or aluminum triformate; and the inorganic particles comprise cationic, superfine colloidal silica.

5. (Canceled)

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6. (Previously Presented) The print medium of claim 3, wherein the at least one surfactant comprises at least one nonionic, organosilicone surfactant.

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7. (Previously Presented) The print medium of claim 3, wherein the at least one surfactant is at least one polysiloxane-polyethylene oxide compound or at least one polysiloxane-polyethylene oxide polypropylene oxide compound.

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8. (Canceled)

9. (Withdrawn—currently amended) A method of forming a print medium having improved image quality and permanence, comprising:

providing a coated paperbase selected from the group consisting of coated, calendered paper; coated, uncalendered paper and cast coated paper; and

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applying an ink-receiving layer to the coated paperbase at less than approximately 10 grams per square meter, the coated paperbase having a Sheffield smoothness less than approximately 20 and a Sheffield porosity less than approximately 10.

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10. (Canceled)

11. (Withdrawn) The method of claim 9, wherein applying an ink-
5 receiving layer to the coated paperbase at less than approximately 10 grams
per square meter comprises applying the ink-receiving layer from approxi-
mately 3 grams per square meter to approximately 7 grams per square meter.

12. (Withdrawn) The method of claim 9, wherein applying an ink-
10 receiving layer to the coated paperbase at less than approximately 10 grams
per square meter comprises applying a coating composition comprising at
least one water-soluble polymer, a cross-linking agent, a mordant, inorganic
particles, and at least one surfactant.

13. (Withdrawn) The method of claim 12, wherein applying an ink-
15 receiving layer to the coated paperbase at less than approximately 10 grams
per square meter comprises applying a coating composition comprising at
least one polyvinyl alcohol; boric acid; at least one of diallyldimethylammo-
nium chloride, a cationic latex, or aluminum triformate; cationic superfine col-
20 loidal silica; and at least one polysiloxane-polyethylene oxide compound.

14. (Withdrawn) The method of claim 12, wherein applying an ink-
receiving layer to the coated paperbase at less than approximately 10 grams
per square meter comprises applying the ink-receiving layer from approxi-
25 mately 4 grams per square meter to approximately 6 grams per square meter.

15. (Withdrawn) The method of claim 9, wherein applying an ink-receiving layer to the coated paperbase at less than approximately 10 grams per square meter comprises coating the ink-receiving layer on the coated paperbase at less than approximately 10 grams per square meter.

16. (Withdrawn—currently amended) A method of printing an image having improved image quality and permanence, comprising:
providing a print medium comprising
a coated paperbase selected from the group consisting of coated, calendered paper; coated, uncalendered paper and cast coated paper;
and an ink-receiving layer present on the coated paperbase at less than approximately 10 grams per square meter, the coated paperbase having a Sheffield smoothness less than approximately 20 and a Sheffield porosity less than approximately 10; and
printing the image on the print medium.

17. (Canceled)

18. (Withdrawn) The method of claim 16, wherein providing a print medium comprising a coated paperbase and an ink-receiving layer present on the coated paperbase at less than approximately 10 grams per square meter comprises providing the ink-receiving layer on the coated paperbase from approximately 3 grams per square meter to approximately 7 grams per square meter.

19. (Withdrawn) The method of claim 16, wherein providing a print medium comprising a coated paperbase and an ink-receiving layer present on the coated paperbase at less than approximately 10 grams per square meter
5 comprises providing the ink-receiving layer comprising at least one water-soluble polymer, a cross-linking agent, a mordant, inorganic particles, and at least one surfactant.

20. (Withdrawn) The method of claim 16, wherein providing a print medium comprising a coated paperbase and an ink-receiving layer present on
10 the coated paperbase at less than approximately 10 grams per square meter comprises providing the ink-receiving layer comprising at least one polyvinyl alcohol; boric acid; at least one of diallyldimethylammonium chloride, a cationic latex, or aluminum triformate; cationic, superfine colloidal silica; and at
15 least one polysiloxane-polyethylene oxide compound.